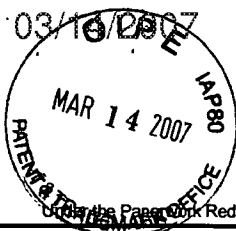


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Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/575,736	
			Filing Date	April 13, 2006	
			First Named Inventor	Michael V. Agrez	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	6	Attorney Docket Number	65350US(54086)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/BD/	AA*	US-5,593,884	01-14-1997	Karin et al.	
	AB*	US-2004/0147435		Hawiger et al.	
	AC*	US-5,807,746	09-15-1998	Lin et al.	
	AD*	US-5,962,643	10-05-1999	Sheppard et al.	
	AE*	US-6,007,991	12-28-1999	Sivaraman et al.	
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	AH*	US-6,312,956	11-06-2001	Lane	
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	AM*	US-6,596,277	07-22-2003	Sheppard et al.	
	AN*	US-6,639,056-A1	10-28-2003	Sheppard et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/BD/	BA	WO 91/19008		BOULTON		
	BB	WO 92/12236		SHEPPARD		
	BC	WO 95/34295		LIN		
	BD	WO 98/16241		VANDERBILT UNIVERSITY		
	BE	WO 99/09214		MCKAY		
	BF	WO 99/49879		LIN		
	BG	WO 00/59549		MCKAY		
	BH	WO 01/37821		HAWIGER		
	BI	GB Search Report				

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NON PATENT LITERATURE DOCUMENTS			
Examiner	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city	T ²
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	CB	Agrez, M.V., "Cell adhesion molecules and colon cancer", A.N.Z.J. Surgery 66, 789-796 (1996).	
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	CD	Agrez, M.V. et al., "Colorectal cancer and the integrin family of cell adhesion receptors: current status and future directions", European Journal of Cancer 30A, 2166-2170 (1994).	
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	CF	Ahmed, N. et al., "Direct integrin $\alpha_v\beta_6$ - ERK binding: implications for tumour growth". Oncogene 21, 1370-1380 (2002).	
	CG	Bookstein, R. et al, "p53 gene therapy <i>in vivo</i> for hepatocellular and liver metastatic colorectal cancer", Seminars Oncol. 23, 66-77 (1996).	
	CH	Boudreau, N.J and Jones, P.L., "Extracellular matrix and integrin signalling: the shape of things to come". Biochem, J. 339, 481-488 (1999).	
	CI	Boulton, T.G., et al., "ERKs: a family of protein-serine/threonine kinases that are activated and tyrosine phosphorylated in response to insulin and NGF", Cell 65, 663-675 (1991).	
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	CK	Bruess, J.M., et al., "The integrin $\alpha_6\beta_1$, is necessary for the matrix-dependent activation of FAK and MAP Kinase and the migration of human hepatocarcinoma cells," Hepatology, Jul 34(1), 42-9 (2001).	
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	CN	Cone et al., "Effects of β subunit cytoplasmic domain deletions on the recruitment of the integrin $\alpha_v\beta_6$ to focal contact", Cell Adhesion and Communication, Vol. 2, pp. 101-113 (1994).	
	CO	Coppolino et al., "Bi-directional signal transduction by integrin receptors," The International Journal of Biochemistry & Cell Biology, Vol. 32, pp 171-188 (2000).	
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	CQ	Dedhar, S. and Hannigan, G.E., "Integrin cytoplasmic interactions and bidirectional transmembrane signalling". Curr. Op. Cell Biol. Vol. 8, No. 5, 657-669 (1996)	
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	CT	Eliceiri, B.P., et al., "Integrin $\alpha_v\beta_3$ requirement for sustained mitogen activated protein kinase	

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	CW	Friedlander, M., et al., "Definition of two angiogenic pathways by distinct α v integrins," Science (1995), 270(5241): 1500-2.	
	CX	Gamble, J. R. et al., "Regulation of <i>in vitro</i> capillary tube formation by anti-integrin antibodies", J. Cell Biol. 121, 931-943 (1993).	
	CY	Garrington, T.P. et al., "Organization and regulation of mitogen-activated protein kinase signaling pathways", Curr. Opin. Biol. 11, 211-218 (1999).	
	CZ	Giancotti, F.G. et al., "Integrin signaling", Science 285, 1028-1032 (1999). Gorgziglia and Kapikian, J., Virol. 66, 4407-4412 (1992).	
	CA1	Gonzalez, F.A., "H Sapiens 40kDa protein kinase related to rat ERK2," (1992) (GenPept Acc No. CAA77753).	
	CB1	Gorgziglia, M. and Kapikian, A.Z., "Expression of the OSU rotavirus outer capsid protein VP4 by an adenovirus recombinant". J. Virol., pp 4407-4412, July (1992)	
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	CE1	Gu, J. et al., "Tumor suppressor PTEN inhibits integrin - and growth factor - mediated nitrogen activated protein (MAP) kinase signalling pathways". J. Cell Biol. Vol. 143, No. 5, 1375-1383 (1998)	
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	CH1	Hannigan, G.E. et al., "Regulation of cell adhesion and anchorage-dependent growth by a new beta 1-integrin-linked protein kinase", Nature 379, 91-96 (1996).	
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	CJ1	Hemler, M.E., "Integrin associated proteins", Curr. Opin. Biol. 10, 578-585 (1998).	
	CK1	Hergott, G.J. et al., "Inhibition of retinal pigment epithelial cell migration and proliferation with monoclonal antibodies against the beta 1 integrin subunit during wound healing in organ culture", Invest. Ophthalmol. Vis. Sci. 34, 2761-2768 (1993).	
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	CP1	Johnson O.L. and Tracey, M.A., Encyclopaedia of Controlled Drug Delivery. Vol. 2, pp. 816-833. Edith Mathiowitz, John Wiley & Sons, Inc. New York (1999)	
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	CS1	Kornberg, L. et al., "Cell adhesion or integrin clustering increases phosphorylation of a focal adhesion-associated tyrosine kinase", J. Biol. Chem. 267, 23439-23442 (1992).	
	CT1	Lin et al., "Integrin-mediated Activation of MAP Kinase Is Independent of FAK: Evidence for Dual Integrin Signaling Pathways in Fibroblasts", J. Cell. Biol., Vol. 136, No. 6, (1997)	
	CU1	Lin, Y-Z et al., "Inhibition of nuclear translocation of transcription factors NF- κ B by a synthetic peptide containing a cell membrane-permeable motif and nuclear localization sequence". J. Biol. Chem. Vol. 230, No. 24, 14255-14258 (1995)	
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	CX1	Loftus, J.C et al., "Integrin-mediated cell adhesion: the extracellular face", J. Biol. Chem. 269, 25235-25238 (1994).	
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	CD2	Miranti, C.K. et al., "Protein Kinase C regulates integrin-induced activation of the extracellular regulated kinase pathway upstream of Shc", J. Biol. Chem. 274, 10571-10581 (1999).	
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	CG2	Otey, C.A. et al., "An interaction between alpha-actinin and beta 1 integrin subunit in vitro", J. Cell Biol. 111, 721-729 (1990).	
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	CJ2	Pardi, R., et al., "Conserved regions in the cytoplasmic domains of the leukocyte integrin $\alpha_L\beta_2$ are involved in endoplasmic reticulum retention, dimerization, and cytoskeletal association". J. Immunol. Vol. 155, No. 3, 1252-1263 (1995)	
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	CO2	Redlitz, A., et al., "Angiostatin diminishes activation of the mitogen-activated protein kinases ERK-1 and ERK-2 in human dermal microvascular endothelial cells." J Vasc Res, 36(1): 28-34, (1999).	
	CP2	Reszka, A.A. et al., "Identification of amino acid sequences in the integrin beta 1 cytoplasmic domain implicated in cytoskeletal association", J. Cell Biol. 117, 1321-1330 (1992).	
	CQ2	Roberts, M.S., et al., "ERK1 associates with $\alpha_v\beta_3$ integrin and regulates cell spreading on vitronectin". J. Biol. Chem. Vol. 278, No. 3, 1975-1985 (2003)	
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	CE3	Wang, A. et al., "Differential regulation of airway epithelial integrins by growth factors", Am. J. Respir. Cell & Mol. Biol. 15, 664-672 (1996).	
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✓	CK3	Zhang, et al., "Retroviral transfer of antisense integrin $\alpha 6$ or $\alpha 8$ sequences results in laminar redistribution or clonal cell death in developing brain", J. Neurosci. 18(17), 6928-38, (1998).	

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